

1 **DATA STREAM CONTROL SYSTEM FOR ASSOCIATING COUNTER**
2 **VALUES WITH STORED SELECTED DATA PACKETS FROM AN**
3 **INCOMING DATA TRANSPORT STREAM TO PRESERVE INTERPACKET**
4 **TIME INTERVAL INFORMATION**

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6 Abstract of the Disclosure

7 A data stream control system and a method selectively store a series of selected
8 data packets with interpacket time intervals from an incoming data transport stream.
9 The data stream control system includes a programmable data packet filter that transmits
10 the series of selected data packets in response to the packet filter parameter. A counter
11 provides counter values for the selected data packets representing a time of reception for
12 the respective selected data packet. The counter values are stored in association with the
13 respective selected data packets to preserve information regarding the interpacket time
14 intervals. The data stream control system can further include a timing restorer to
15 transmit a stored series of selected data packets with interpacket time intervals which
16 substantially match the corresponding interpacket time intervals of the series of selected
17 data packets.